



Pratyush Kaware

Sardar Patel Institute of Technology



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SKILLS

C

Python

R

Bash

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Full Professional Proficiency

French

Limited Working Proficiency

INTERESTS

Algorithms

Data Science

Competitive coding

Machine Learning

EDUCATION

Bachelor's in Technology (EXTC)

Sardar Patel Institute of Technology

07/2017 – Present

CGPA : 8.34

Higher Education (HSC)

Pace Science Junior College

06/2015 – 07/2017

78%

Secondary Education (SSC)

Rustomjee International School

06/2005 – 04/2015

89.45%

CERTIFICATES

Embedded Systems Level - 0 (07/2018 – 10/2018)

Implementing RTOS and TTOS on a micro-controller.

Embedded Systems Level - 1 (11/2018 – 02/2019)

Implementing various types of schedulers for task priority management.

Internet Of Things (03/2019 – 04/2019)

Implemented MQTT using Node-Red.

PROJECTS

Sentiment Analysis Using NLTK

- Trained a Naive Bayes model on Movies reviews to classify the reviews as Positive or Negative. Used Natural Language Toolkit Library for Data Preprocessing and Scikit to train the Naive Bayes model.

Digital Flashcards

- Made an Windows application using Tkinter library in Python which displays Flashcards of stored Information. Encrypted the data file using pyAesCrypt library.

Mouse Control using finger Tracking and Gesture.

- Used OpenCV library on Python to track a finger and then control the mouse using the co-ordinates of the fingertip and clicking using palm opening and closing gestures.

Smart Home using Raspberry Pi 3

- Used Google Speech API with Python to convert voice recorded by a microphone to text based on that executed functions on the interfaced external devices.

ACHIEVEMENTS

E-Yantra Robotics Competition (IIT Bombay) (07/2018 – 04/2019)

Finalists, national rank 7. Made use of Opencv, python, xbee communication and embedded systems (atmega2560).